Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 06 Feb 2022 until 23:59 on Monday 07 Feb 2022

Forecast Issued on Saturday 05 Feb 2022 at 10:31

Confidence: High for cold, windy and showery weather on Sunday then for a change to milder conditions on Monday. Low for the timing of cold front edging south over the United Kingdom midweek bringing a change back to cold conditions.

Headline for Sunday 06 Feb 2022: Frequent sleet or snow showers. Windy and bitterly cold.

Mountain weather hazards on Sunday 06 Feb 2022

Blizzards Medium Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Heavy snow showers (night)	Heavy snow	Heavy snow showers	Heavy snow showers	Heavy snow showers	Light snow showers (night)	Partly cloudy (night)
Precipitation probability							
60%	60%	60%	60%	60%	60%	60%	60%

Forecast for Sunday 06 Feb 2022

Weather: Mainly cloudy overnight with showers, wintry above 600m. A mixture of bright spells and showers, these falling as snow above 400m. Some of the showers could be heavy at times with blizzards on the high tops. Feeling bitterly cold with northwesterly gales and a severe wind chill. Becoming drier with lengthening clear spells in the evening.

Chance of cloud-free hill tops above 800m: 40%. Highly variable as showers come and go with views quickly disappearing at times.

Low cloud and visibility: Fast-changing through the day with very poor visibility in snow showers. Cloud occasionally descending to 500 or 600m with blizzard conditions on the tops. Often very good between showers, especially on lower slopes and in the southeast of the Park.

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Met Office Mountain Weather Forecast

Forecast for Sunday 06 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	37/47 W	38/49 W	37/48 W	37/49 W	45/60 W	45/61 W	44/59 NW	37/48 NW	28/37 NW
600	30/41 W	31/43 W	30/42 W	29/42 W	37/53 W	35/52 W	34/50 NW	26/39 NW	22/33 NW
300	12/34 W	12/35 W	12/35 W	13/36 W	17/45 W	16/45 W	16/44 NW	11/33 NW	8/26 NW
Valley	13/32 W	14/33 W	13/31 W	14/33 W	19/43 W	18/41 W	16/38 NW	11/29 NW	9/23 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	-2/-11	-2/-11	-2/-12	-2/-13	-2/-13	-3/-13	-4/-14	-4/-12
600	1/-7	1/-7	0/-7	-0/-8	0/-9	-0/-9	-1/-10	-2/-9	-2/-9
300	3/-1	3/-1	3/-2	2/-2	3/-3	2/-3	1/-4	1/-4	0/-4
Valley	5/2	5/2	5/2	5/1	6/1	5/0	4/-0	4/0	4/0
Freezing Level*	700m	700m	600m	500m	500m	600m	400m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult and serious conditions on the tops with severe gales and snow showers. Blowing snow and spindrift on higher slopes.

Forecast for Monday 07 Feb 2022

Weather: Clear spells and a widespread frost overnight. Cloud increasing with outbreaks of rain spreading east, preceded by a couple of hours of light snow above 400m. The rain or drizzle will be mainly light with just small amounts. Low cloud and poor visibility will be the main issue.

Maximum wind: Southwesterly 20mph gusts 30mph increasing to 30mph gusts 45mph after dark.

Chance of cloud-free hill tops above 800m: 90% at first but becoming Nil through the morning as cloud lowers.

Low cloud and visibility: Excellent to start the day but deteriorating through the morning with extensive cloud and fog developing above 400m. Below the cloud, hazy, often a few kilometres in rain or drizzle in the afternoon. Cloud may lift a little towards evening.

Temperature: **Valleys:** Minus 1 Celsius gradually rising to 9 or 10 Celsius.
At 800m: Minus 3 Celsius, slowly rising to Plus 3 Celsius.
Freezing level: 400m at first with frost in valleys, rising above summits late morning.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 5 February. Location: Ridge between Swirral Edge and Catstye Cam at 13:40. Full report: A wild day in the Lakeland fells with gale-force winds and persistent driving rain, sleet, and hail for most of the day. Conditions were extremely wet and rivers were in spate by mid-afternoon. The snowline this morning was at around 500m although this lifted through the day with rapidly thawing snow at all levels. The snow that has fallen in the last 24-48hrs was accompanied by very strong westerly winds and the largest accumulations are generally found above 700m on north and east-facing slopes where drifts of up to 50cm are present. Striding and Swirral edges were a mixture of exposed wet rock and snow today and would have been hazardous for anyone attempting them (or other similar steep/exposed routes in the area) owing to very strong winds. Cornices were not inspected today but any that have formed are likely to be unstable and should be given a wide berth. The freezing level is forecast to drop to around 400 metres tomorrow, so today's wet snow will freeze and anyone venturing out tomorrow should anticipate a lot more ice. Further snow is also in the forecast along with gale force winds over high ground. Full winter clothing (warm and waterproof) including hats & gloves and equipment including a map, compass, goggles (for navigating in poor conditions) and headtorch are all essential. An ice axe and crampons/microspikes are also essential items for anyone going above the snowline tomorrow. Temperature: plus 2.4 C, Maximum wind speed 63mph, Wind chill: minus 7.8 C, Average wind speed: 47mph.

Issued at: 1831 on Sat 05 Feb 2022

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